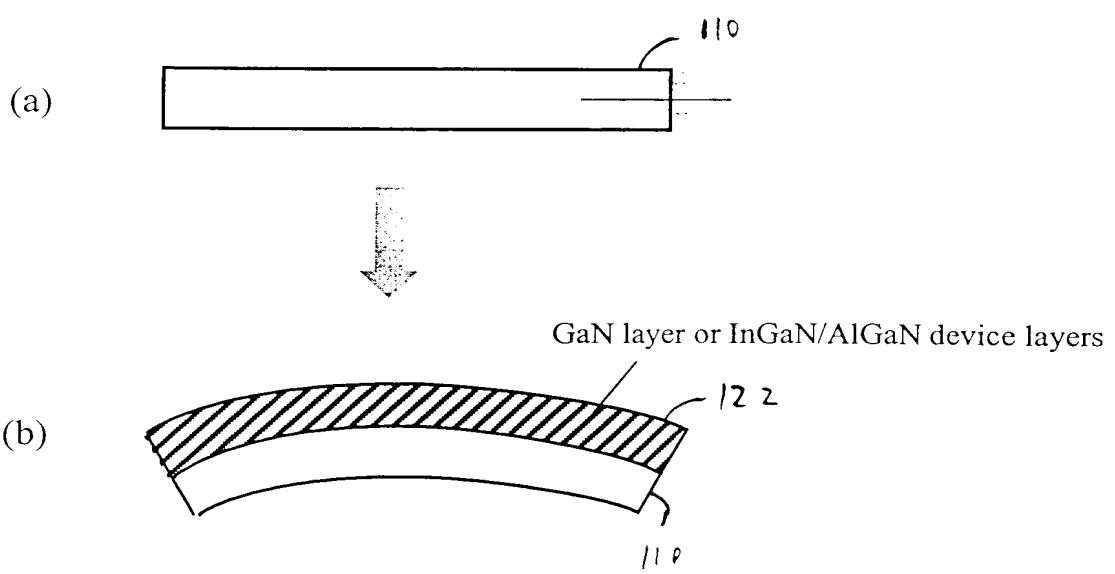


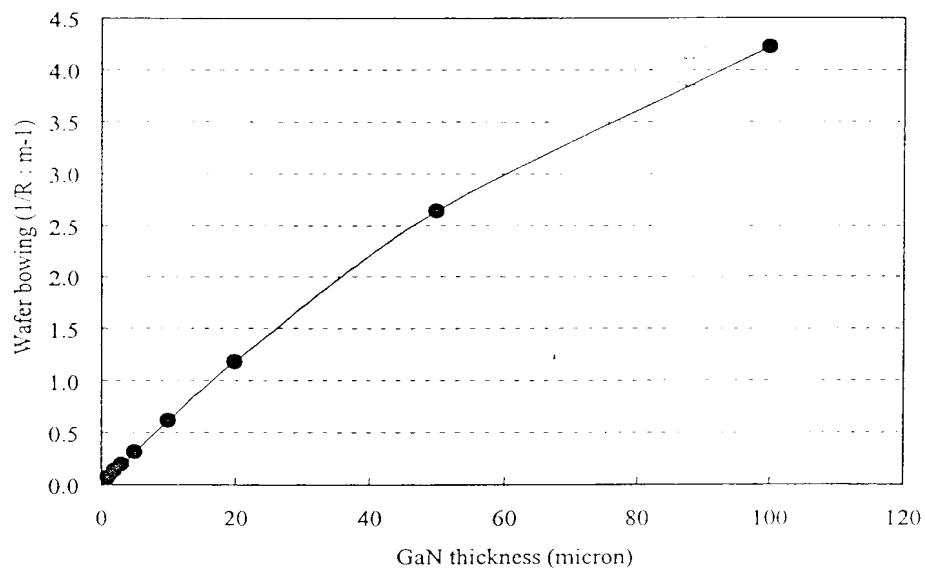
(PR (OR ART)

- - - FIG. 1A



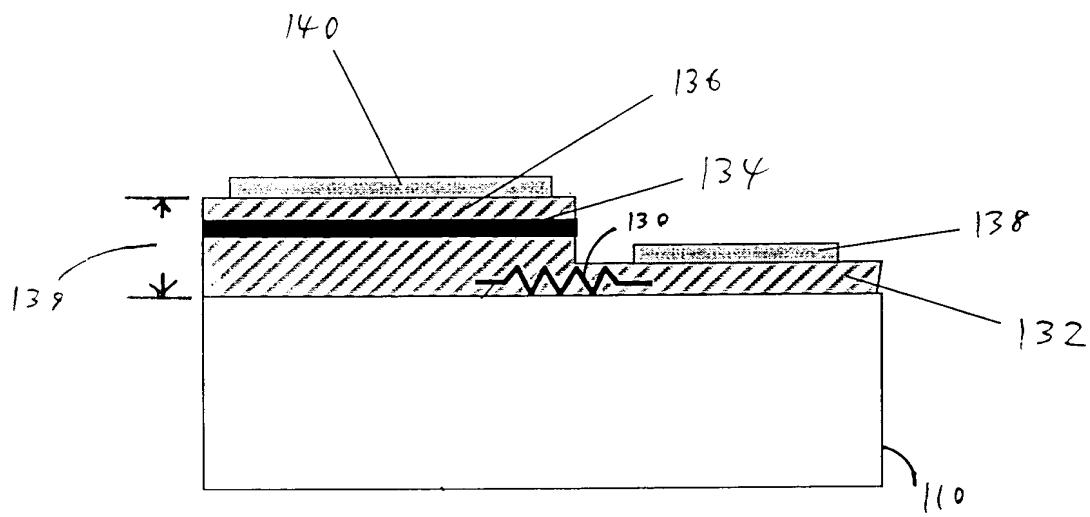
(PRL OR ART)

FIG. 1B



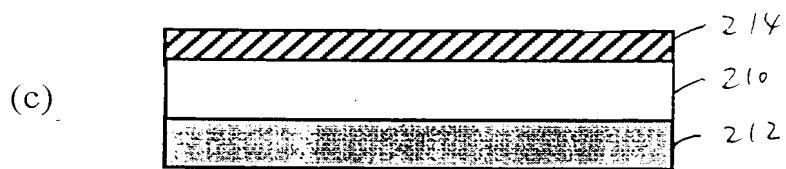
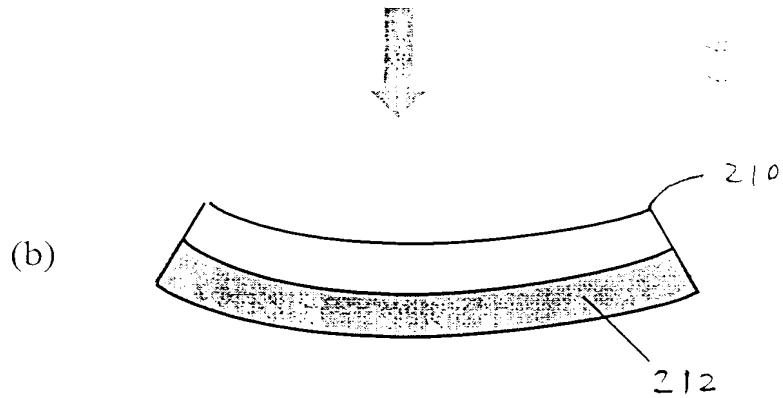
(prior ART)

FIG-1C



(prior art)

FIG. (D)



F(6,2A)

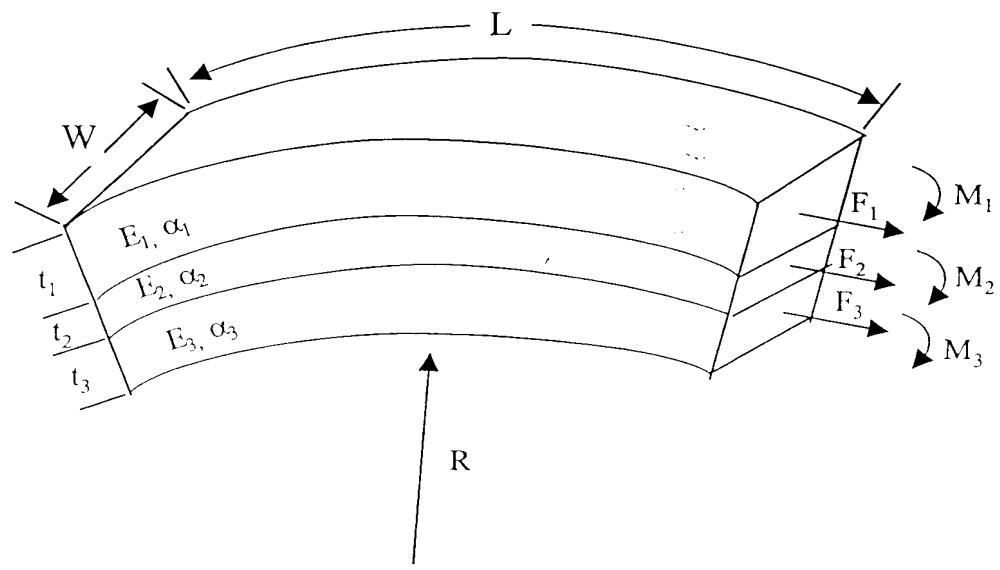
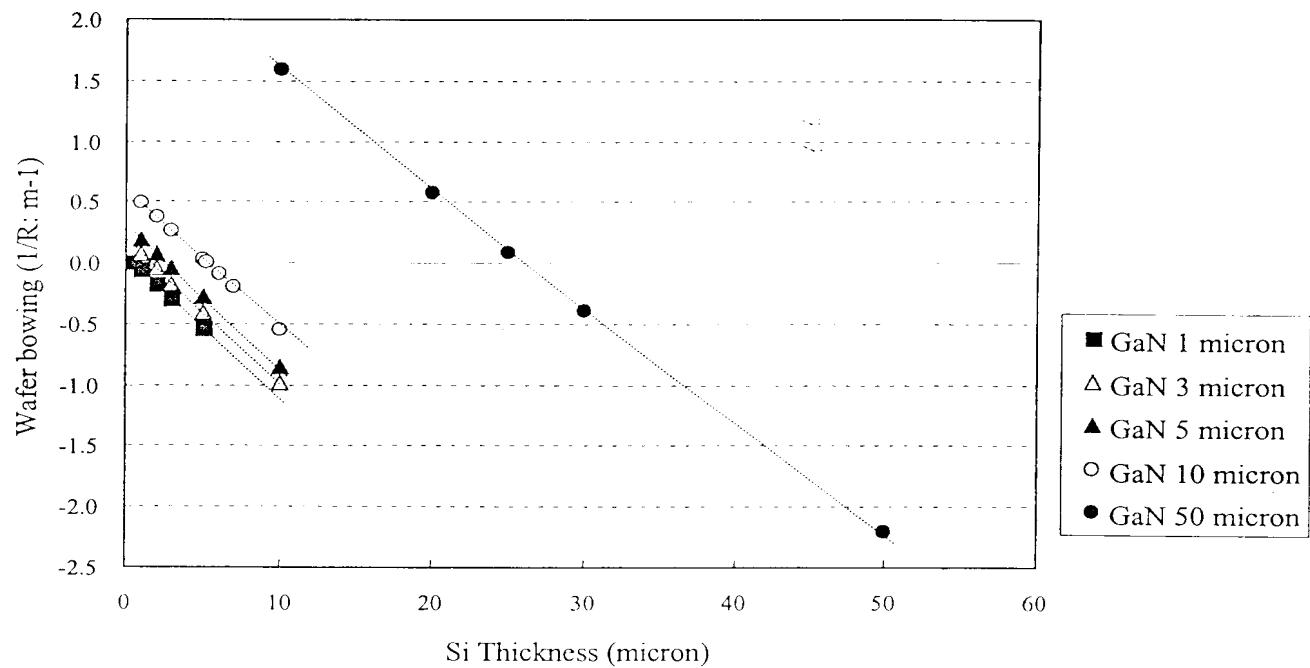
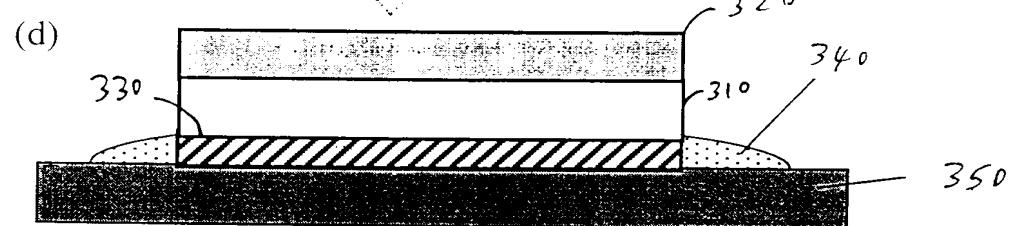
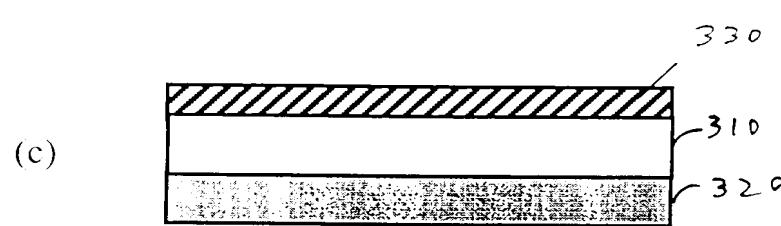
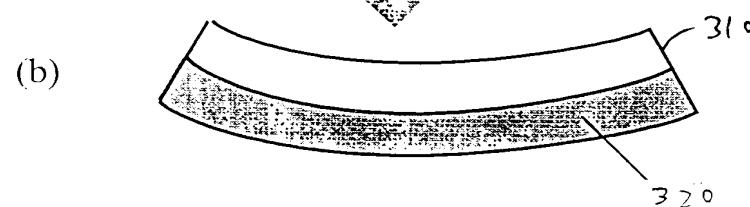


FIG. 2B

GaN/Sapphire/Silicon



F16.2C



F16.3

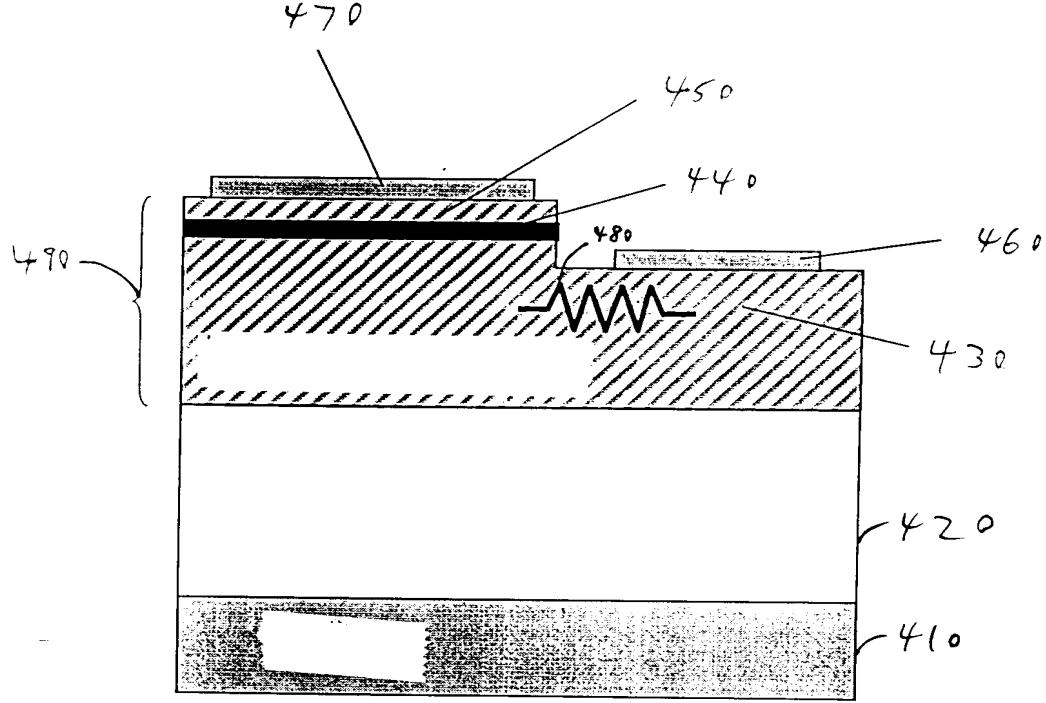


FIG. 4

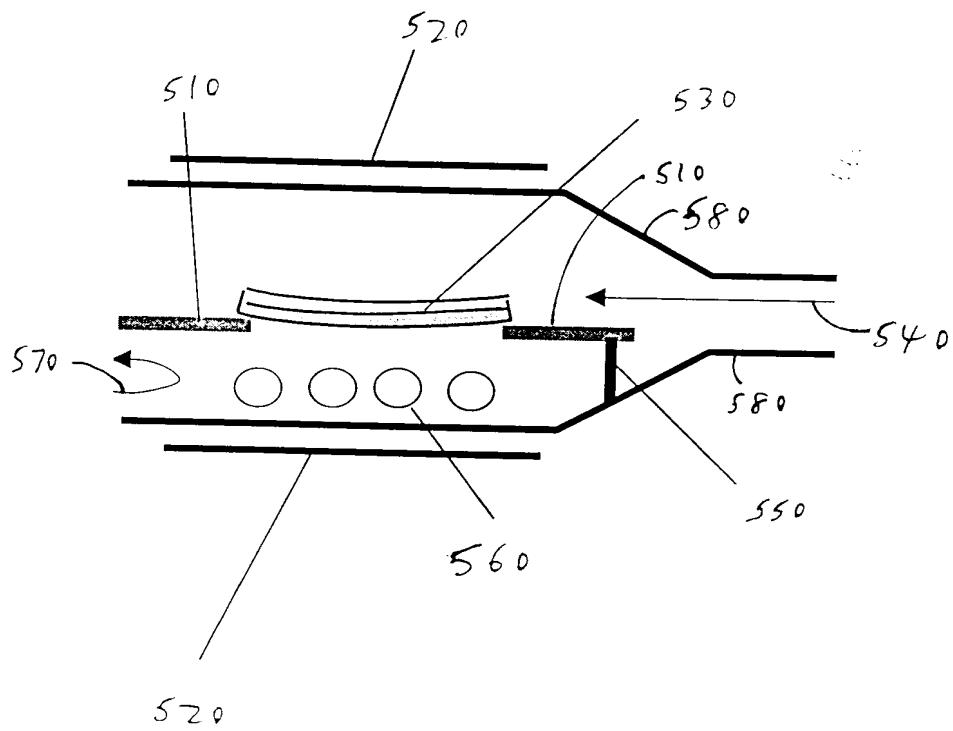
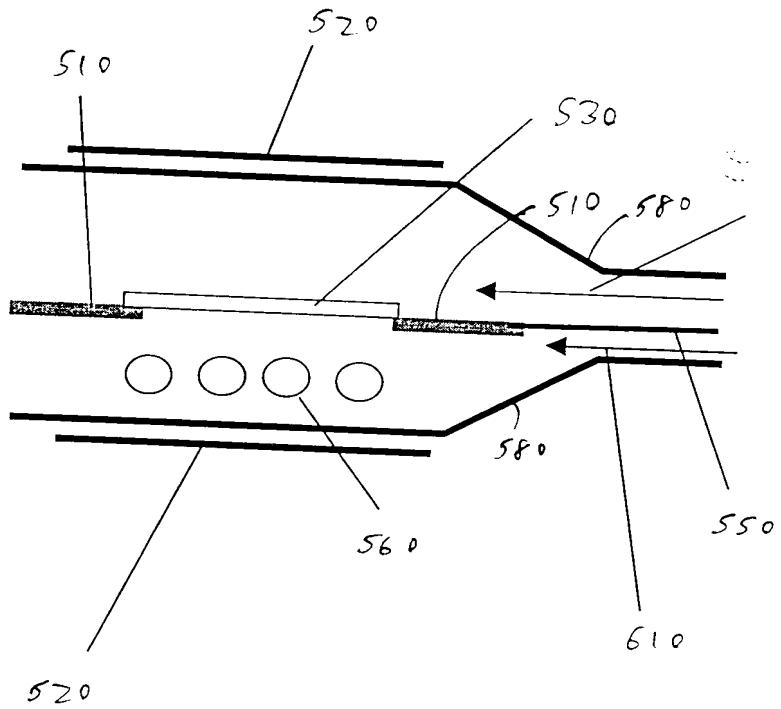


FIG. 5



F16-6